

Abstract of the Disclosure

Evaporative cooling apparatus monitors light and heavy temperature averages to minimize cycling of the apparatus on-and-off when the apparatus is being turned on in the morning when the ambient temperature is rising and is being turned off in the afternoon when the ambient temperature is falling. The apparatus is suspended
5 above the ground and includes a hollow housing with a top portion and a bottom portion, a fan mounted in the top portion of the housing to direct air flow through the housing downwardly toward the ground, and nozzles mounted inside the housing to direct water droplets into air flowing from the fan through the housing. The apparatus also includes a hollow, tapered member which captures a portion of the air flow from
10 the fan and directs the airflow into a central area of the housing to insure that air flowing through the central area moves downwardly toward the ground.